

June 25, 2001

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **JUNE 25, 2001**
Title: **LIQUID CRYSTAL DISPLAY USING SWING COMMON
ELECTRODE AND A METHOD FOR DRIVING THE SAME**
Inventors: **Jang-Kun SONG and Joon-Hoo CHOI**
Our Ref: 06192.0177.NPUS00

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**LIQUID CRYSTAL DISPLAY USING SWING COMMON
ELECTRODE AND A METHOD FOR DRIVING THE SAME**

and naming as inventors: **Jang-Kun SONG
Joon-Hoo CHOI**

the application consisting of:

a. A specification containing:

- (i) **20** pages of description prior to the claims;
- (ii) **11** pages of claims (**22** claims);
- (iii) a **one** (1) page abstract;

b. 12 sheets of drawings: (**Figures 1, 2, 3, 4, 4, 5, 6, 7, 8, 9, 10, 11, 12,
13, 14, 15, 16, 17, 18, 19, 20 and 21**)

4. Executed Combined Declaration-Power Attorney;
5. Executed Assignment and PTO 1595 Assignment Recordation Sheet

5. Claim for Priority and certified copy of Korean Patent No. 2000-43511
filed July 27, 2000;
6. Check No. 355439 in the amount of \$820.00 and Check No. 355438 in the amount of
\$40.00 to cover the following Fees
- | | |
|----------|------------------------------|
| \$710.00 | Basic Application Filing Fee |
| \$116.00 | Extra Claims fee |
| \$ 40.00 | Assignment Recordation Fee |
8. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0177.NPUS00.
A duplicate of this letter is enclosed.

Respectfully submitted,


Michael J. Bell
Registration No. 39,604

Enclosures

105290-4728860

HOWREY SIMON ARNOLD & WHITE, LLP

Box No. 34

1299 Pennsylvania Avenue, NW

Washington, DC 20004-2402

(202) 783-0800

Attorney Docket No. 06192.0177.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS

Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Jang-Kun SONG and Joon-Hoo CHOI**For: **LIQUID CRYSTAL DISPLAY USING SWING COMMON ELECTRODE
AND A METHOD FOR DRIVING THE SAME**

Enclosed is a new application comprising:

- ☒ A specification containing: ~~20~~ pages of description prior to the claims; 11 pages of claims (**22 claims**); a one (1) page abstract; 12 sheets of drawings (**Figures 1, 2, 3, 4, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21**)
- ☒ PTO SB/05

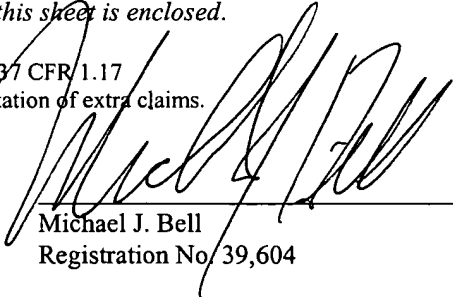
The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	22-20 =	* 2
INDEP. CLAIMS	4-3 =	* 1
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE		RATE	FEE
	\$ 345.00		\$ 710.00
x 9 =		x 18 =	36.00
x 39 =		x 80 =	80.00
+ 130 =		+ 270 =	
TOTAL		TOTAL	\$826.00

- ☒ A check in the amount of **\$826.00** to cover the filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0177.NPUS00. *A duplicate copy of this sheet is enclosed.*
- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date June 25, 2001

 Michael J. Bell
 Registration No. 39,604

Please type a plus sign (+) inside this box ☐

PTO/SB/05 (2/98)
Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(h))</small>		Attorney Docket No. 06192.0177.NPUS00	
		First Named Inventor or Application Identifier Jang-Kun SONG et al	
		Title	Liquid Crystal Display Using Swing Common Electrode And A Method For Driving The Same
		Express Mail Label No.	
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<div>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <small>(Submit an original and a duplicate for fee processing)</small></div> <div>2. <input checked="" type="checkbox"/> Specification [Total Pages 32] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claims- Abstract of the Disclosure</div> <div>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 12]</div> <div>4. Oath or Declaration [Total Pages 3]<div style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small><div style="margin-left: 20px;">i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></div></div></div> <div>5. <input type="checkbox"/> Incorporation By Reference <small>(useable if Box 4b is checked)</small> <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small></div>		<div>6. <input type="checkbox"/> Microfiche Computer Program <small>(Appendix)</small></div> <div>7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small><div style="margin-left: 20px;">a. <input type="checkbox"/> Computer Readable Copy</div><div style="margin-left: 20px;">b. <input type="checkbox"/> Paper Copy (identical to computer copy)</div><div style="margin-left: 20px;">c. <input type="checkbox"/> Statement verifying identity of above copies</div></div>	
ACCOMPANYING APPLICATION PARTS			
<div>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</div> <div>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></div> <div>10. <input type="checkbox"/> English Translation Document <small>(if applicable)</small></div> <div>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>12. <input type="checkbox"/> Preliminary Amendment</div> <div>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <small>(should be specifically itemized)</small></div> <div>14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired</div> <div>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></div> <div>16. <input type="checkbox"/> Other:</div>			
*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)</div><div>of prior application No: /</div></div> <div style="display: flex; justify-content: space-between;"><div>Prior Application Information: Examiner:</div><div>Group/Art Unit:</div></div>			
18. CORRESPONDENCE ADDRESS			
<div><input checked="" type="checkbox"/> Customer Number or Bar Code Label 22930 or <input type="checkbox"/> Correspondence address below</div> <div style="text-align: center; font-size: small;">(Insert Customer No. or Attach bar code label here)</div>			
NAME		Michael J. Bell	
		HOWREY SIMON ARNOLD & WHITE, LLP	
ADDRESS		Box No. 34	
		1299 Pennsylvania Avenue, N.W.	
CITY	Washington	STATE	DC
COUNTRY	US	TELEPHONE	202-783-0800
		ZIP CODE	20004-2402
		FAX	202-383-7195
Name (Print/Type)		Michael J. Bell	
Signature			
		Registration No. (Attorney/Agent)	39,604
		Date	June 25, 2001

#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jang-Kun SONG and Jae-Hoon KIM

Application No. **To Be Accorded**

Filed: **June 25, 2001**

For: **LIQUID CRYSTAL DISPLAY WITH A WIDE
VIEWING ANGLE**

Art Unit: TBD

Examiner: TBD

Atty. Docket: **06192.0214.NPUS00**



CLAIM FOR PRIORITY UNDER 35 U.S.C. § 119 IN UTILITY APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Priority under 35 U.S.C. § 119 is hereby claimed to the following priority document(s), filed in a foreign country within twelve (12) months prior to the filing of the above-referenced United States utility patent application:

Country	Priority Document Application No.	Filing Date
Republic of Korea	2000-43504	July 27, 2000

A certified copy of each listed priority documents is submitted herewith. Prompt acknowledgment of this claim and submission is respectfully requested.

Respectfully submitted,

Michael J. Bell
Registration No. 39,604

Date: June 25, 2001

HOWREY SIMON ARNOLD & WHITE, LLP
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